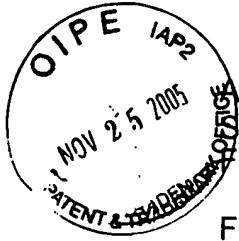


**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**



Applicants: Jean-Philippe Champagne and James A. Aviani  
Serial No.: 09/901,523  
For: SYSTEMS AND METHODS FOR PROVIDING TRANSMISSION  
CONTROL PROTOCOL COMMUNICATIONS  
Filing Date: July 9, 2001  
Examiner: Nguyen, Phuoc H.  
Art Unit: 2143  
Conf. No.: 4906

---

**Certificate of Express Mail Under 37 C.F.R. §1.10**

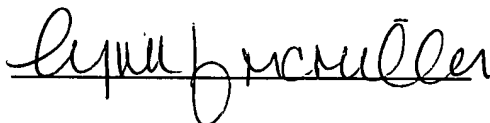
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as Express Mail in an envelope addressed to: **MAIL STOP ISSUE FEE**, Commissioner for Patents, PO Box 1450, Alexandria, Virginia 22313-1450 on:

Date: November 25, 2005

By: Lynn F. McMiller

(Typed or printed name of person  
mailing Document, whose signature  
appears below)

Express Mail Mailing  
Label No.: EV 749 441 930 US

Signature: 

---

**MAIL STOP ISSUE FEE**  
Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Sir:

This Information Disclosure Statement is submitted:

☐ under 37 CFR 1.129(a), or (If IDS filed as first/second submission after Final Rejection);

☐ under 37 CFR 1.97(b), or (If IDS Filed within three months of filing national application; or date of entry of the national stage in international application; or before mailing date of first office action on the merits; whichever occurs last);

- 2 -

- ☐ under 37 CFR 1.97(c) together with either:
- ☐ a Statement under 37 CFR 1.97(e), as checked below, or
  - ☐ a \$180.00 fee under 37 CFR 1.17(p), or (If filed after the 37 CFR 1.97(b) time period, but before final action or notice of allowance, whichever occurs first)
- ☒ under 37 CFR 1.97(d) together with:
- ☐ a Statement under 37 CFR 1.97(e), as checked below, and
  - ☐ a Petition under 37 CFR 1.97(d)(2), and
  - ☐ a \$130.00 petition fee set forth in 37 CFR 1.17(i). (If IDS filed after final action or notice of allowance, whichever occurs first, but before payment of the issue fee)
- ☒ In the event that this Information Disclosure Statement does not comply with either this section or section 1.98, Applicant requests that the attached IDS and cited reference(s) be placed in the application filewrapper. (If the IDS is filed concurrently or after payment of issue fee)

Statement Under 37 CFR 1.97(e)

- ☐ Each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement; or
- ☒ No item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned, after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of this Information Disclosure Statement.

Enclosed herewith is Form PTO-1449:

- ☐ Copy of the cited references are enclosed except for those which qualify under 37 CFR 1.98(a)(2)(i).
- ☒ Copies of the cited references are enclosed.
- ☐ The listed references were cited in the enclosed International Search Report in a counterpart foreign application.

- 3 -

☐ Pursuant to the Official Gazette Notice of August 5, 2003 the requirement under 37 CFR 1.98(a)(2)(i) for submitting a copy of each cited U.S. patent and each U.S. patent application publication is waived for all U.S. national patent applications filed after June 30, 2003.

Concise Explanation Requirement (required for non-English references):

- ☐ The "concise explanation" requirement for reference(s) under 37 CFR 1.98(a)(3) is satisfied by:
- ☐ the explanation provided on the attached sheet.
  - ☐ the explanation provided in the Specification.
  - ☐ submission of the enclosed International Search Report.
  - ☐ the enclosed English language abstract.

It is requested that the information disclosed herein be made of record in this application.

Method of payment:

- ☒ No fee is required for this Information Disclosure Statement.
- ☐ Enclosed is a check for \$180.00, which covers the Information Disclosure Fee.
- ☐ A copy of this Statement is enclosed.

Applicant hereby petitions for any extension of time which is required to maintain the pendency of this case. If there is a fee occasioned by this response, including an extension fee, that is not covered by an enclosed check, please charge any deficiency to Deposit Account No. 50-0901.

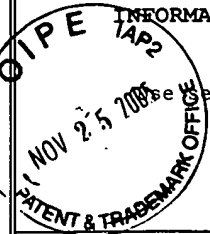
Respectfully submitted,



David E. Huang, Esq.  
Attorney for Applicants  
Registration No.: 39,229  
CHAPIN & HUANG, L.L.C.  
Westborough Office Park  
1700 West Park Drive  
Westborough, Massachusetts 01581  
Telephone: (508) 366-9600  
Facsimile: (508) 616-9805

Attorney Docket No.: CIS01-11(4197)

Dated: November 25, 2005

PTO-1449 REPRODUCED  <b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b> (See several sheets if necessary)				ATTORNEY DOCKET NO.  CIS01-11(4197)		APPLICATION SERIAL NO.  09/901,523	
				APPLICANT <b>Jean-Philippe Champagne and James A. Aviani</b>			
				FILING DATE July 9, 2001		GROUP 2143	
U.S. PATENT DOCUMENTS							
EXAM- INER INI- TIAL		DOCUMENT NUMBER	DATE mm/dd/yy	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE
	AA	US 6,065,117	05/16/00	White	713	159	07/16/97
	AB	US 6,081,807	07/27/00	Story et al.	707	101	06/13/97
	AC	US 2001/0043564 A1	11/22/01	Bloch et al.	370	230	01/10/01
	AD	US 2002/0007455 A1	01/17/02	Wiederin et al.	713	162	04/17/01
	AE	US 2002/0159396	10/31/02	Carlson et al.	370	252	04/25/01
	AF	US 2002/0181494 A1	12/05/02	Rhee	370	465	11/21/01
	AG	US 2003/0043744 A1	03/06/03	Lu et al.	370	236	12/31/01
	AH	US 6,535,482 B1	03/18/03	Hadi Salim et al.	370	229	05/06/99
	AI	US 6,560,243 B1	05/06/03	Mogul	370	468	04/30/99
	AJ	US 6,744,765 B1	06/01/04	Dearth et al.	370	394	08/24/00
	AK	US 6,745,361 B1	06/01/04	Gradischnig	714	749	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION YES NO
	AL	EP 1143672 A2	02/23/01	Europe	H04L 12/56		X
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
	AM	J. Postel, "Transmission Control Protocol," IETF RFC 793, September 1981.					
	AN	W. Stevens, "TCP Slow Start, Congestion Avoidance, Fast Retransmit, and Fast Recovery Algorithms," IETF RFC 2001, January 1997.					
EXAMINER				DATE CONSIDERED			